**Supplementary table 2. Leukemia type**

|  |  |  |
| --- | --- | --- |
| **Leukemia type** | **G-PB (N=67)** | **G-BM+G-PB (N=392)** |
| **AML**  | 26 | 200 |
|  **t(8;21)** | 6 | 24 |
|  **inv(16)** | 2 | 11 |
|  **t(9;11)** | 2 | 6 |
|  **t(6;9)** | 0 | 3 |
|  **inv(3)/t(3;3)** | 0 | 1 |
|  **BCR-ABL1** | 0 | 1 |
|  **Mutated NPM1** | 1 | 18 |
|  **Biallelic mutation of CEBPA** | 1 | 12 |
|  **AML with MDS-related changes** | 1 | 6 |
|  **Therapy-related AML** | 1 | 1 |
|  **AML, NOS** | 12 | 117 |
| **ALL** | 39 | 185 |
|  **B-ALL, t(9;22)** | 9 | 51 |
|  **B-ALL, t(v;11q23)** | 0 | 4 |
|  **B-ALL, t(1;19)** | 0 | 3 |
|  **B-ALL, BCR-ABL1-like** | 0 | 6 |
|  **B-ALL, NOS** | 21 | 80 |
|  **T-ALL** | 9 | 41 |
| **MPAL** | 2 | 7 |
|  **t(9;22)** | 1 | 4 |
|  **t(v;11q23)** | 0 | 0 |
|  **B/myeloid** | 0 | 0 |
|  **T/myeloid** | 0 | 3 |
|  **MPAL, NOS** | 1 | 0 |
| **Cycles of induction to achieve CR1** |  |  |
|  **1** | 48 | 321 |
|  **2** | 15 | 59 |
|  **3** | 1 | 8 |
|  **4** | 1 | 2 |
|  **5** | 1 | 0 |
|  **CART\*** | 1 | 2 |

ALL, acute lymphoblastic leukemia; AML, acute myeloid leukemia; CART, chimeric antigen receptor T cells; CR, complete remission; MDS, myelodysplastic syndrome; MPAL, mixed-phenotype acute leukemia.

\* Three patients who received 2-3 cycles of induction did not reach remission, and achieved complete remission after CART therapy.